

4.2.O. 08010205150.

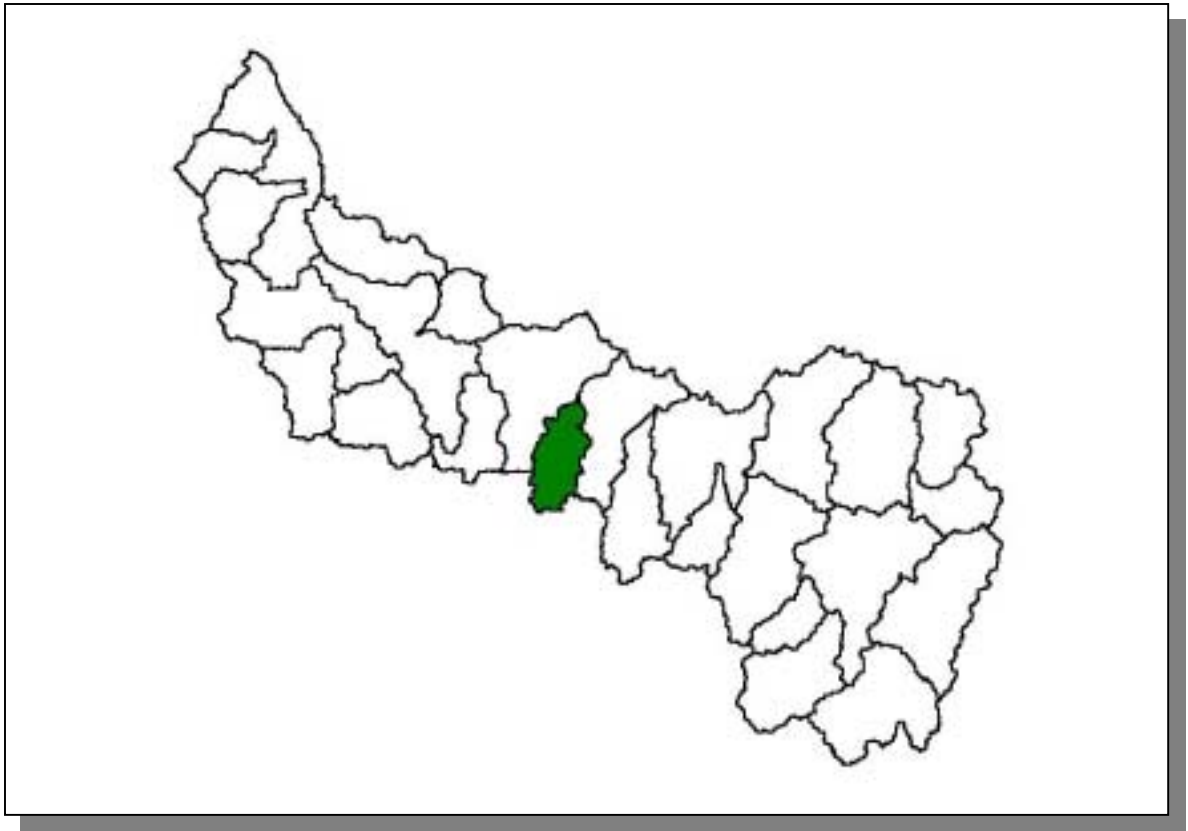


Figure 4-71. Location of Subwatershed 08010205150. All South Fork Forked Deer HUC-14 subwatershed boundaries are shown for reference.

4.2.O.i. General Description.

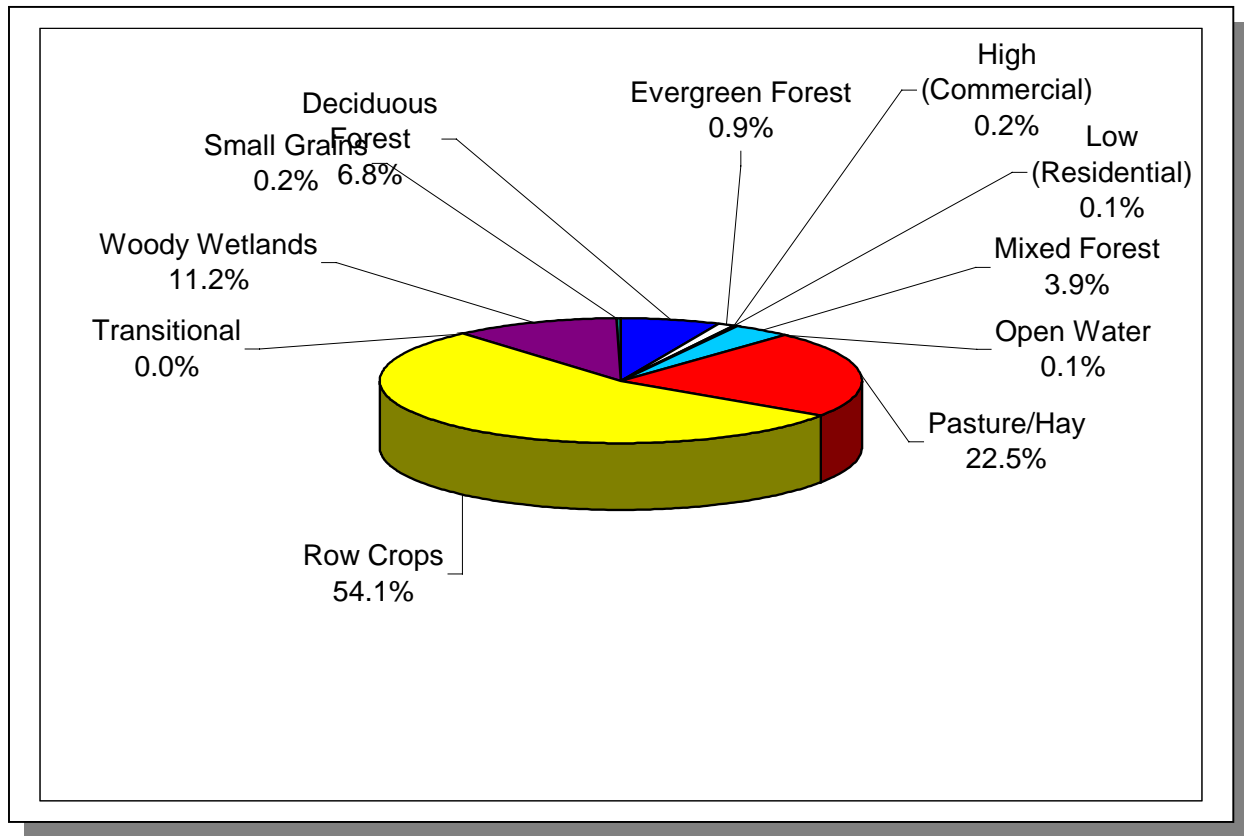


Figure 4-72. Land Use Distribution in Subwatershed 08010205150. More information is provided in SFFD-Appendix IV.

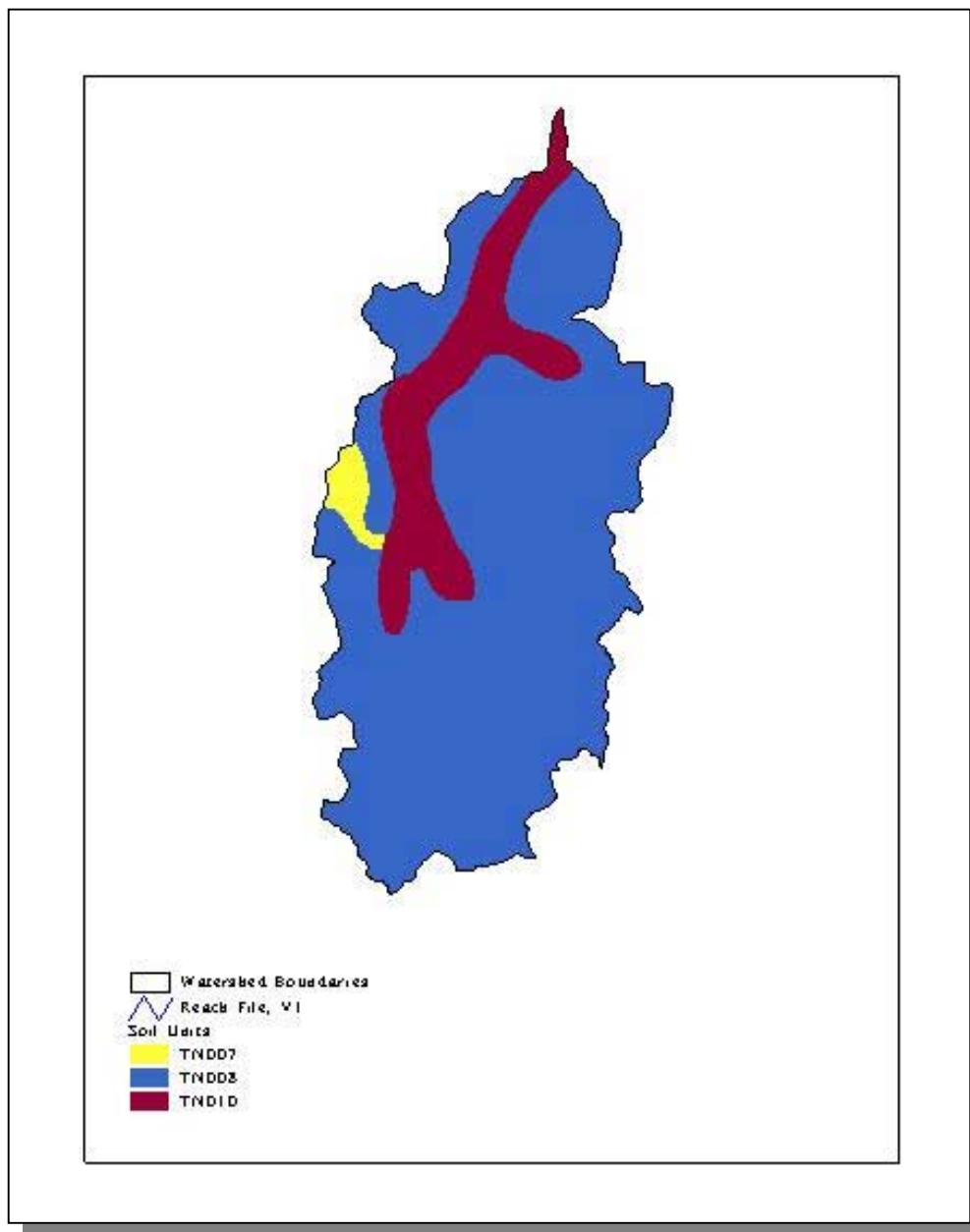


Figure 4-73. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205150.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN007	36.00	C	1.30	5.36	Silty Loam	0.48
TN008	11.00	C	1.38	5.20	Silty Loam	0.48
TN010	92.00	C	1.33	5.11	Silty Loam	0.44

Table 4-80. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205150. More information is provided in SFFD-Appendix IV.

	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		% CHANGE
	1990	1997 Est.		1990	1997	
County						
Madison	77,982	84,942	4.11	3,206	3,492	8.9

Table 4-81. Population Estimates in Subwatershed 08010205150.

4.2.O.ii. Point Source Contributions.

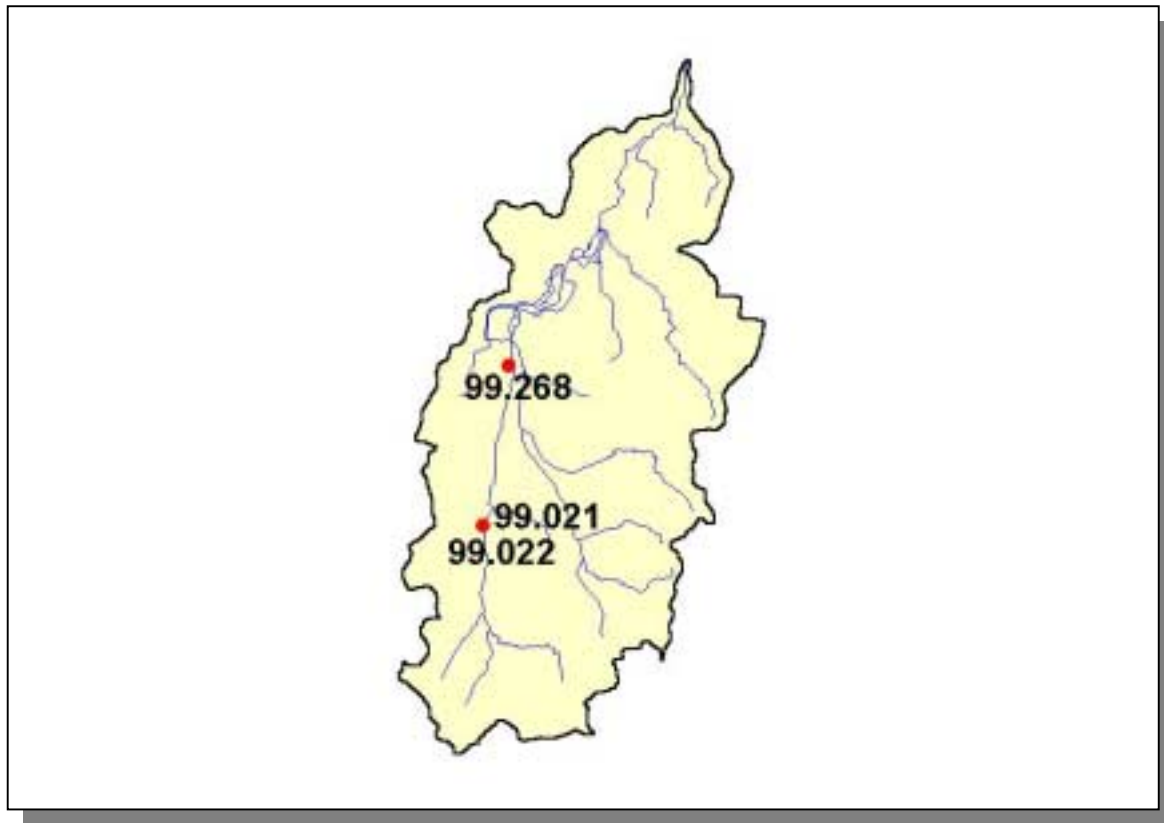


Figure 4-74. Location of ARAP Sites (Individual Permits) in Subwatershed 08010205150.
More information is provided in SFFD-Appendix IV.

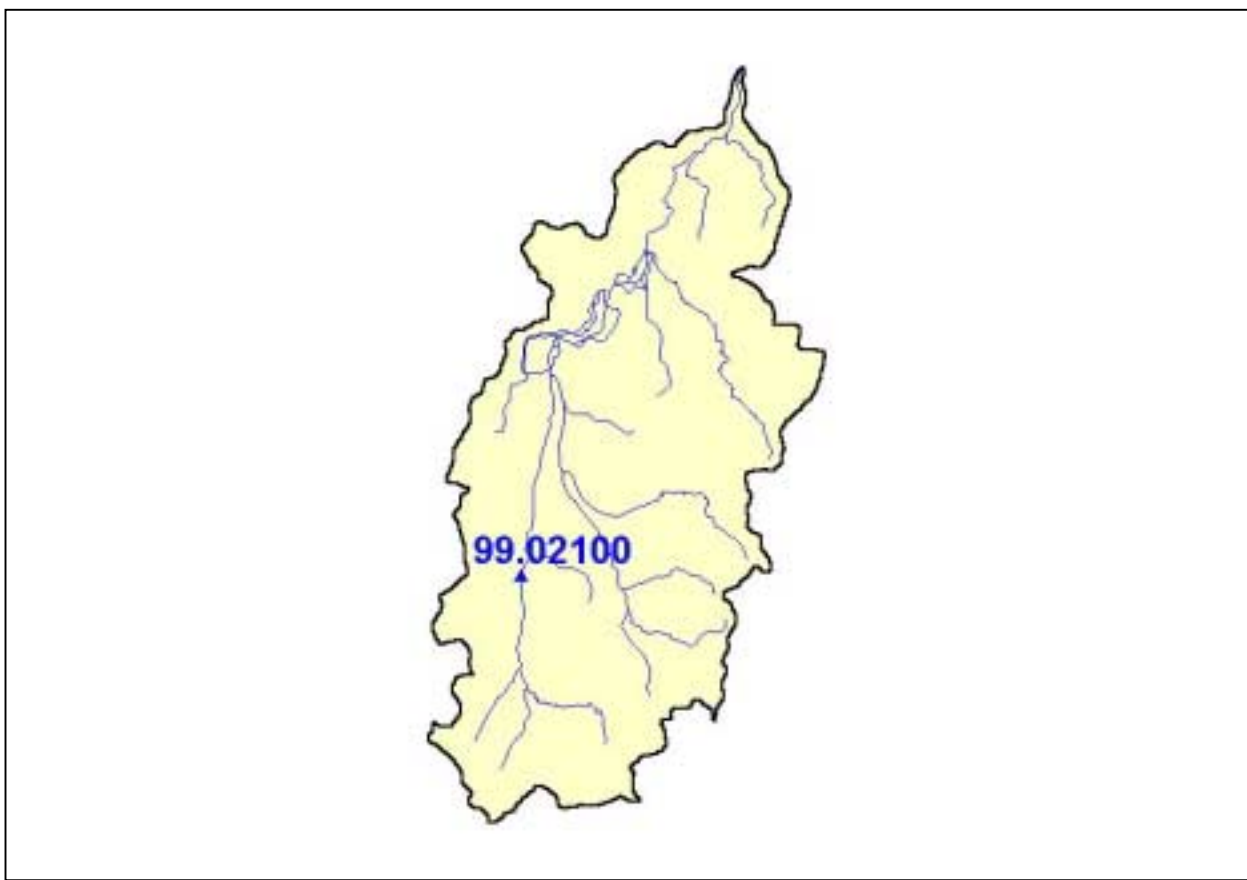


Figure 4-75. Wetland Impact Site in Subwatershed 08010205150. Impact Site Location is from ARAP database. More information is provided in SFFD-Appendix IV.

4.2.B.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)	
Cattle	Hogs
533	437

Table 4-82. Summary of Livestock Count Estimates in Subwatershed 08010205150. According to the Census of Agriculture, “Cattle” includes heifers, heifer calves, steers, bulls and bull calves.

CROP	TONS/ACRE/YEAR
Corn (Row Crops)	14.81
Soybeans (Row Crops)	8.65
Cotton (Row Crops)	12.97
Wheat (Close Grown Cropland)	3.53
Grass (Hayland)	0.95
Other Cropland not Planted	2.23
Grass (Pastureland)	0.41
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.46
Other Vegetable and Truck Crops	7.81
Grass, Forbs, Legumes (Mixed Pasture)	3.34
Other Land in Farms	0.08
All Other Close Grown Cropland	0.47
Conservation Reserve Program Land	0.47

Table 4-83. Annual Estimated Total Soil Loss in Subwatershed 08010205150.